## WHAT IS CLAIMED IS:

- A method of applying a splicing tape to a roll of sheet material, the method comprising:
  - lifting a portion of an outer-most layer away from a remainder of the roll to form a lifted portion of the outer-most layer; applying the splicing tape to a wound portion of the roll; and applying pressure to the lifted portion of the outer-most layer to progressively place the lifted portion of the outer-most layer in contact with the remainder of the roll and the splicing tape.
  - 2. The method of claim 1, wherein the lifting step includes lifting the portion of the outer-most layer away from the remainder of the roll with a sheet engagement mechanism, and wherein the step of applying pressure to the lifted portion includes applying pressure to disengage the lifted portion from the sheet engagement mechanism.
  - The method of claim 2, wherein the sheet engagement mechanism includes a vacuum source for lifting the portion of the outer-most layer away from the remainder of the roll.
  - 4. The method of claim 1, wherein the applying pressure step includes applying pressure with a paper applicator to the lifted portion of the outer-most layer to progressively place the lifted portion of the outer-most layer in contact the remainder of the roll and the splicing tape.
  - The method of claim 4, wherein the paper applicator includes a roller, and wherein the applying pressure step includes progressively pressing the roller along the outer-most layer and the splicing tape.

- 6. The method of claim 1, further comprising:
  - cutting the lifted portion of the outer-most layer to form a leading edge of the roll, wherein the applying pressure step includes applying pressure to the lifted portion of the outer-most layer to apply the leading edge of the roll to the splicing tape.
- 7. The method of claim 1, wherein the splicing tape has a first section and a second section, wherein the outer-most layer covers the first section of the splicing tape and the second section of the splicing tape remains exposed adjacent the outer-most layer.
- The method of claim 1, further comprising:
  holding down a portion of the outer-most layer as the lifted portion of the
  outer-most layer is lifted away from the remainder of the roll.
- 9. An apparatus for applying a splicing tape to a roll of sheet material, the apparatus comprising:
  - a sheet engagement mechanism to lift an outer-most layer of the roll to form a lifted portion of the outer-most layer:
  - a taping device to apply a splicing tape to the roll; and
  - a paper applicator to apply pressure to the lifted portion of the outer-most layer to progressively place the lifted portion of the outer-most layer in contact with the remainder of the roll and the splicing tape.
- 10. The apparatus of claim 9, wherein the paper applicator applies pressure to disengage the lifted portion from the sheet engagement mechanism.
- 11. The apparatus of claim 9, wherein the paper applicator includes a roller for rolling along the lifted portion of the outer-most layer to disengage the lifted portion of the outer-most layer from the sheet engagement mechanism and to progressively press the roller along the outer-most layer and the splicing tape.

- 12. The apparatus of claim 9, further comprising:
  - a sheet cutter to cut the outer-most layer of the roll across a width thereof.
- 13. The apparatus of claim 9, wherein the sheet engagement mechanism includes a vacuum source for lifting the portion of the outer-most layer away from the remainder of the roll.
- 14. The apparatus of claim 9, wherein the paper applicator holds down a portion of the outer-most layer as the lifted portion of the outer-most layer is lifted away from the remainder of the roll by the sheet engagement mechanism.
- 15. The apparatus of claim 9, wherein the splicing tape has a first section and a second section, wherein the outer-most layer covers the first section of the splicing tape and the second section of the splicing tape remains exposed adjacent the outer-most layer.
- 16. The apparatus of claim 9, wherein the taping device further includes a press down roller for pressing the outer-most layer against an outer surface of splicing tape after the paper applicator applies the lifted portion of the outer-most layer to the splicing tape.
- 17. An apparatus for engaging a roll of sheet material, the apparatus comprising: a plurality of sheet engagement mechanisms to engage and lift an outermost layer of the roll to form a lifted portion of the outer-most layer, wherein each sheet engagement mechanism includes a vacuum source and a roll sensor for sensing a spatial position of the roll relative to the sheet material engagement mechanism, wherein each vacuum source only operates when a selected plurality of the roll sensors sense the roll relative to the sheet engagement mechanism.

18. The apparatus of claim 17, wherein each vacuum source includes a plurality of vacuum cups.